FIG.1

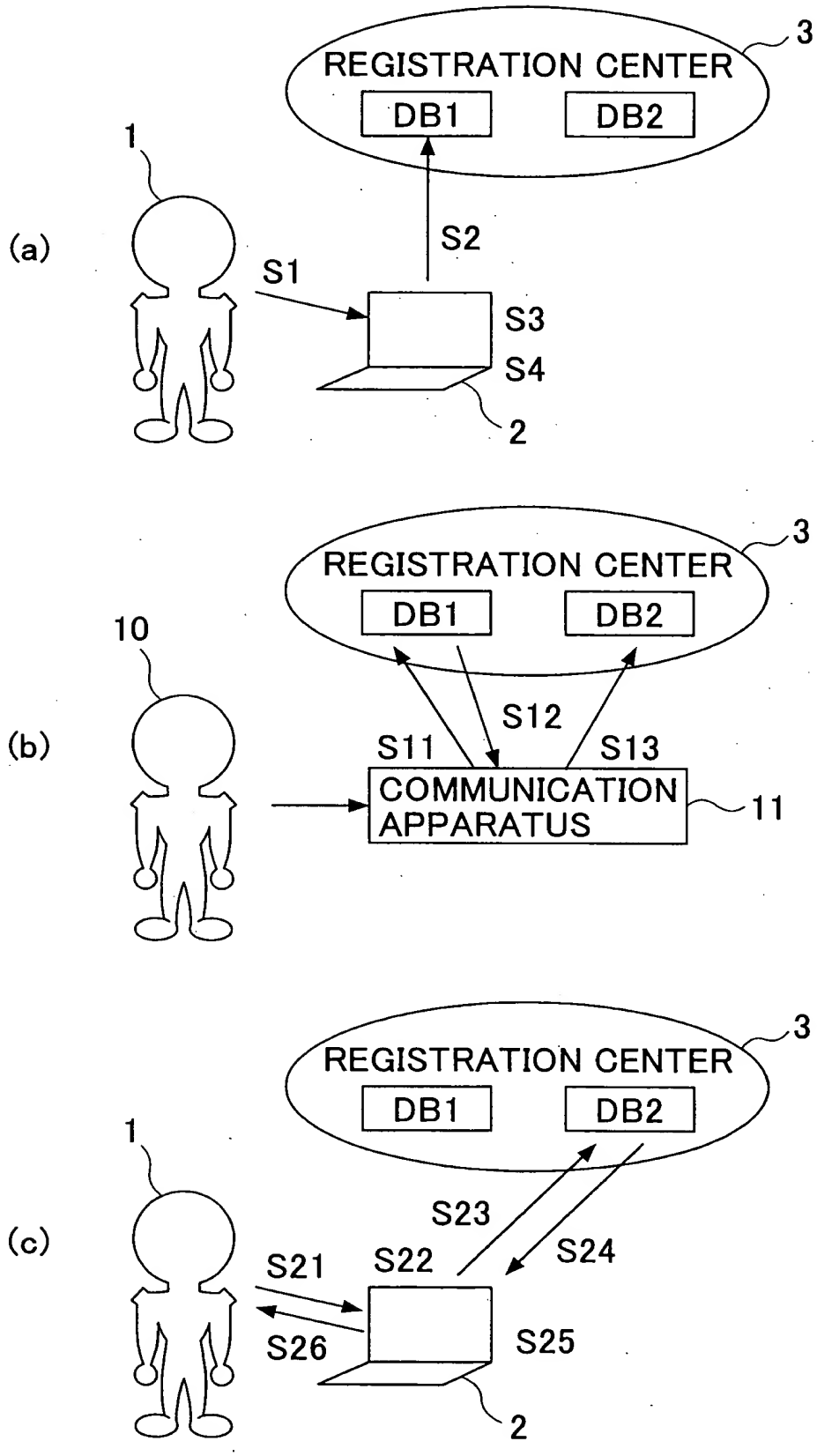

REGISTRATION CENTER
DB1
DB2
3
1
(a)
S1
S2
S3
S4
2
REGISTRATION CENTER
DB1
DB2
3
10
(b)
S11
S12
S13
COMMUNICATION APPARATUS
11
REGISTRATION CENTER
DB1
DB2
3
1
(c)
S21
S22
S23
S24
S25
S26
2

FIG.2

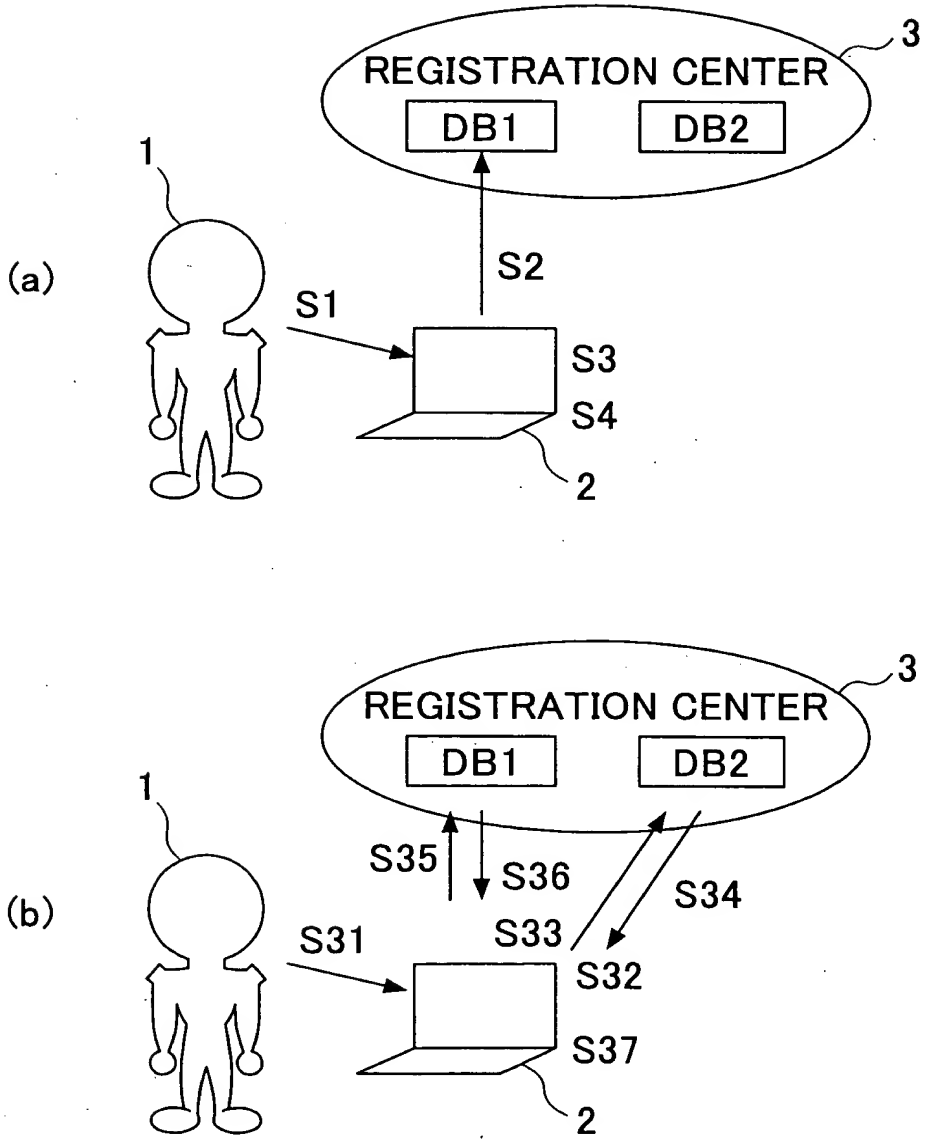

(a)
REGISTRATION CENTER
3
DB1
DB2
1
S1
S2
S3
S4
2
(b)
REGISTRATION CENTER
3
DB1
DB2
1
S35
S36
S34
S33
S31
S32
S37
2

FIG.3

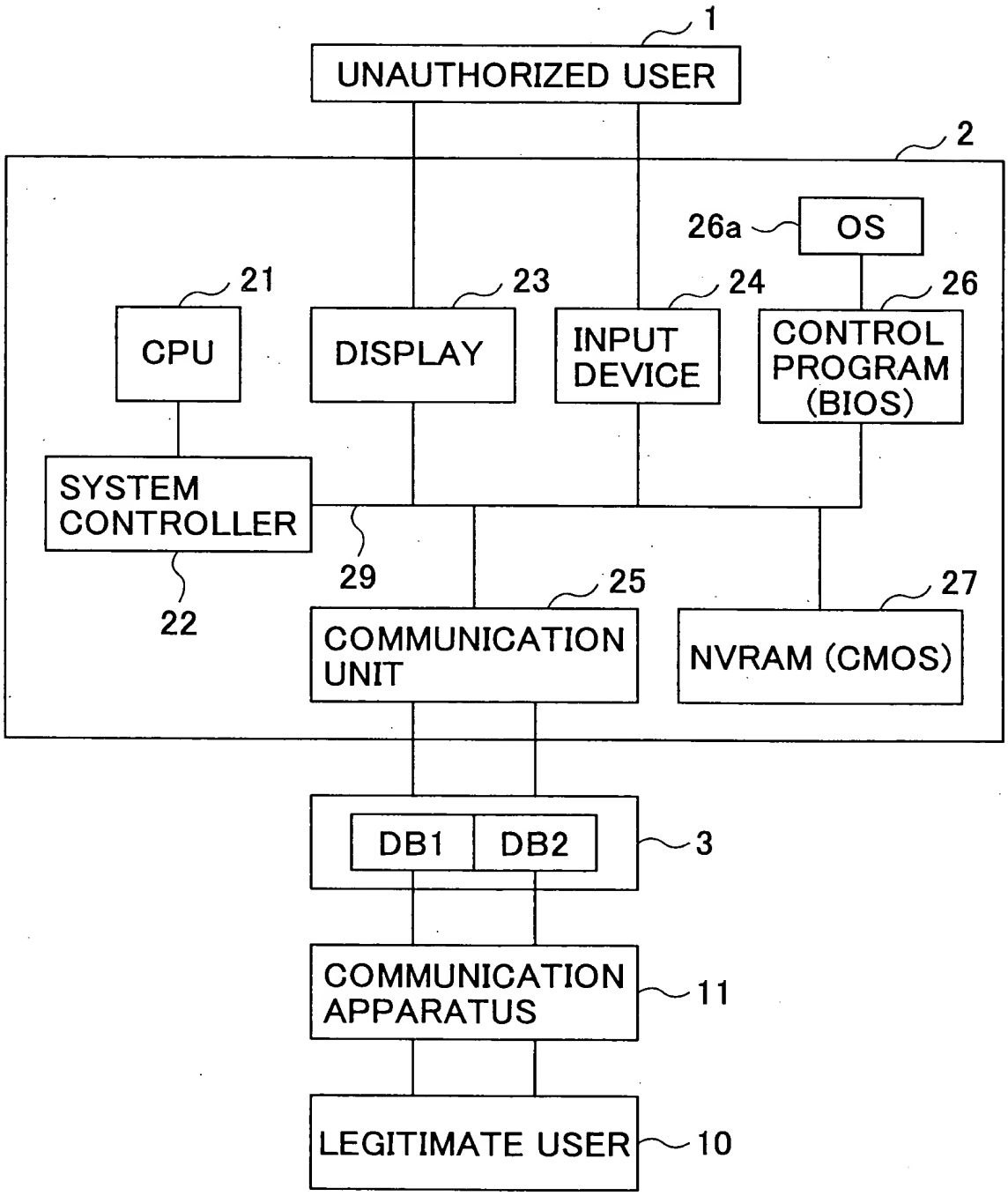

1
UNAUTHORIZED USER
2
26a
OS
21
CPU
23
DISPLAY
24
INPUT DEVICE
26
CONTROL PROGRAM (BIOS)
SYSTEM CONTROLLER
22
29
25
COMMUNICATION UNIT
27
NVRAM (CMOS)
DB1
DB2
3
COMMUNICATION APPARATUS
11
LEGITIMATE USER
10

FIG.4

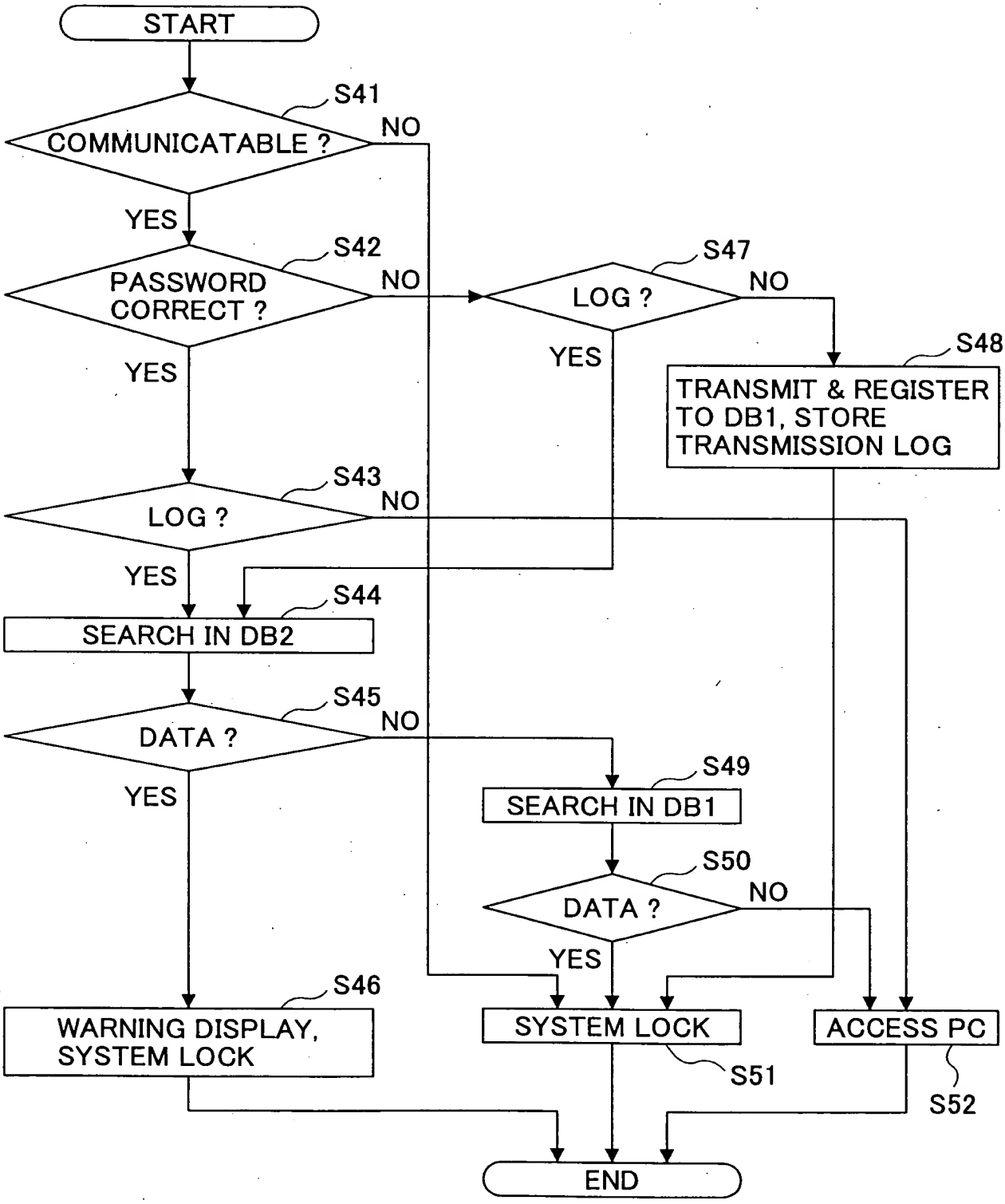

START
S41
COMMUNICATABLE ?
NO
YES
S42
PASSWORD CORRECT ?
NO
YES
S43
LOG ?
NO
YES
S44
SEARCH IN DB2
S45
DATA ?
NO
YES
S46
WARNING DISPLAY, SYSTEM LOCK
S47
LOG ?
NO
YES
S48
TRANSMIT & REGISTER TO DB1, STORE TRANSMISSION LOG
S49
SEARCH IN DB1
S50
DATA ?
NO
YES
SYSTEM LOCK
S51
ACCESS PC
S52
END

FIG.5

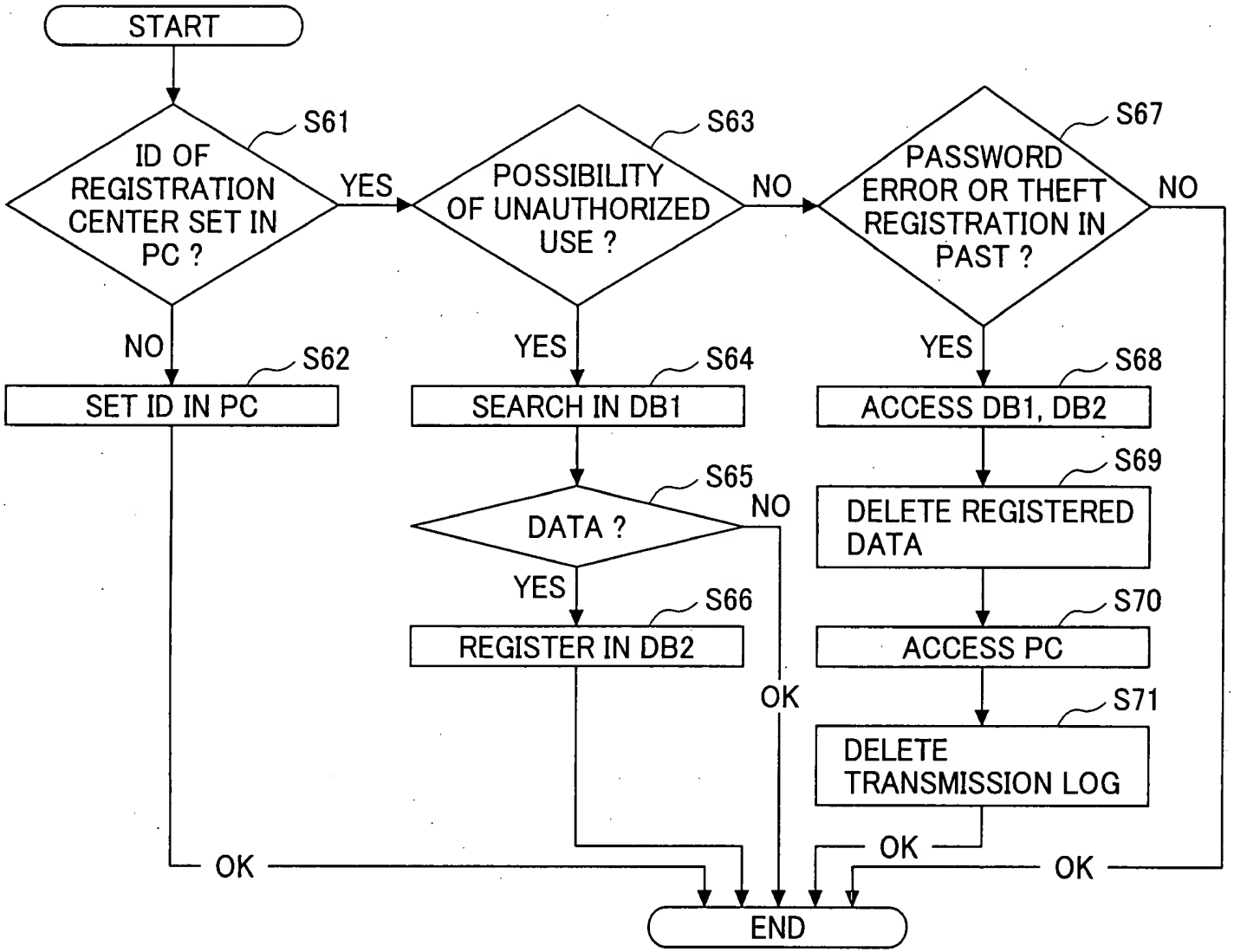
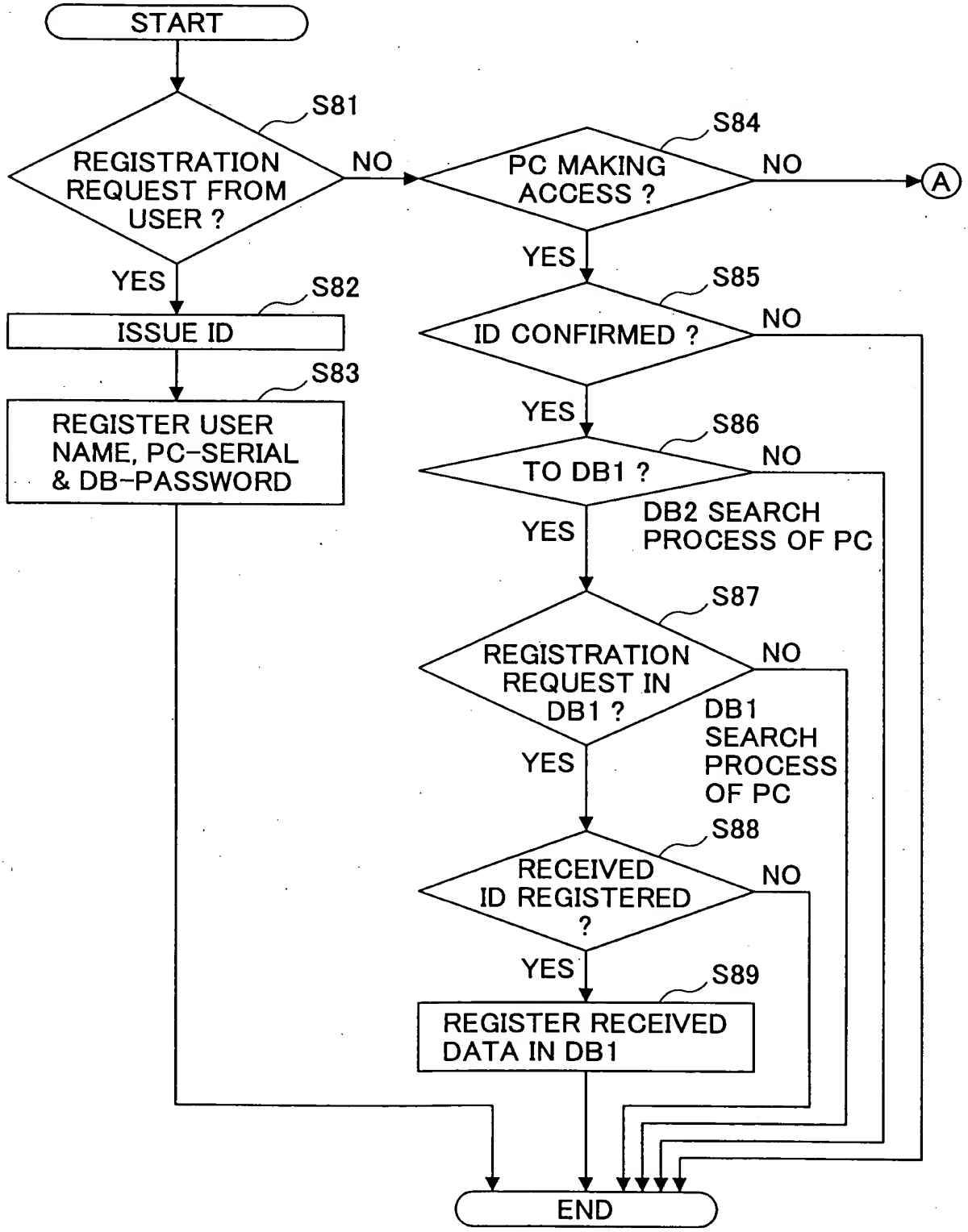

START
S61
ID OF REGISTRATION CENTER SET IN PC ?
YES
S63
POSSIBILITY OF UNAUTHORIZED USE ?
NO
S67
PASSWORD ERROR OR THEFT REGISTRATION IN PAST ?
NO
NO
S62
SET ID IN PC
YES
S64
SEARCH IN DB1
YES
S68
ACCESS DB1, DB2
S65
DATA ?
NO
S69
DELETE REGISTERED DATA
YES
S66
REGISTER IN DB2
S70
ACCESS PC
OK
S71
DELETE TRANSMISSION LOG
OK
OK
OK
END

FIG.6



EP 2 262 160 A1

FIG.7

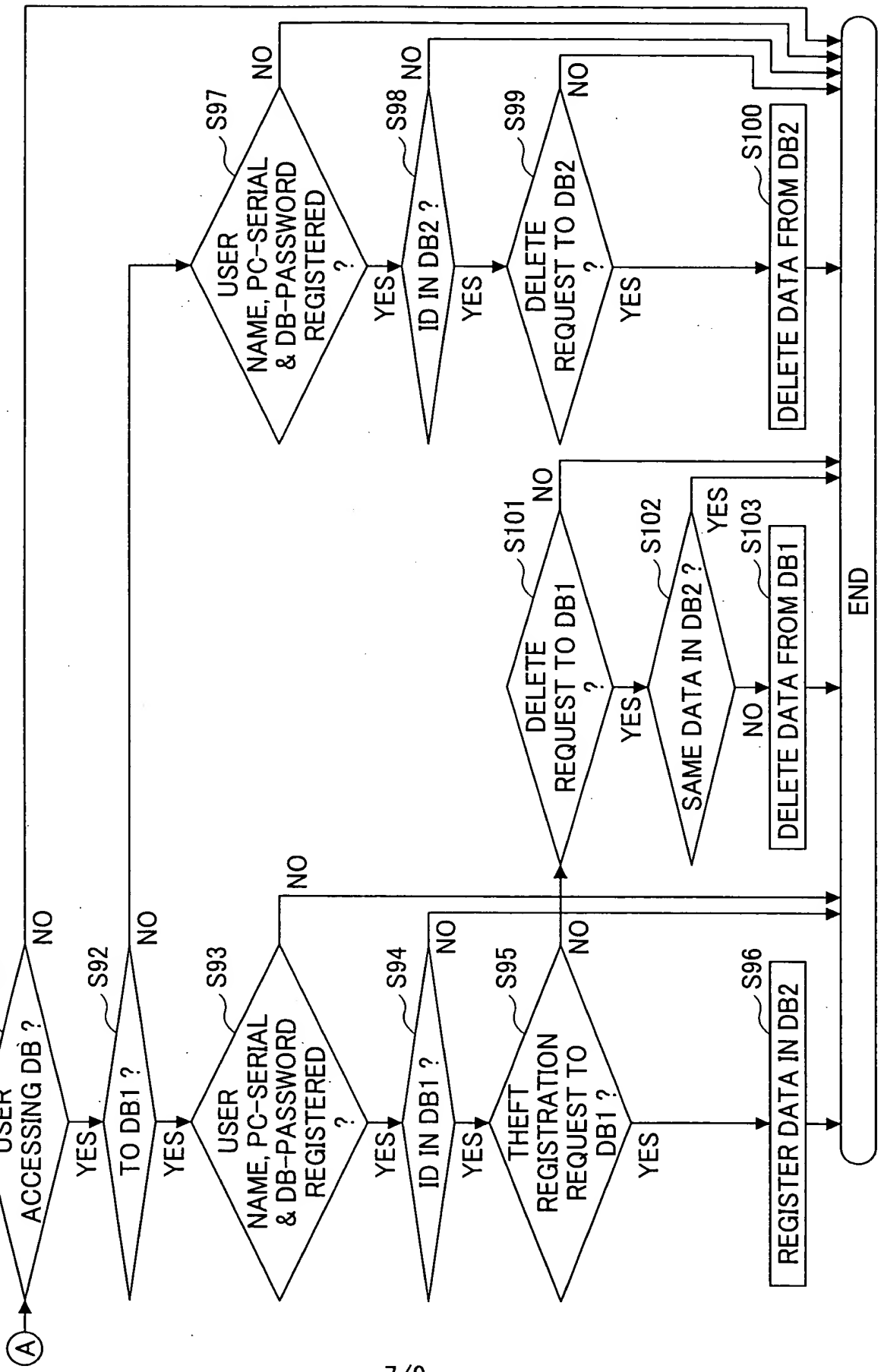
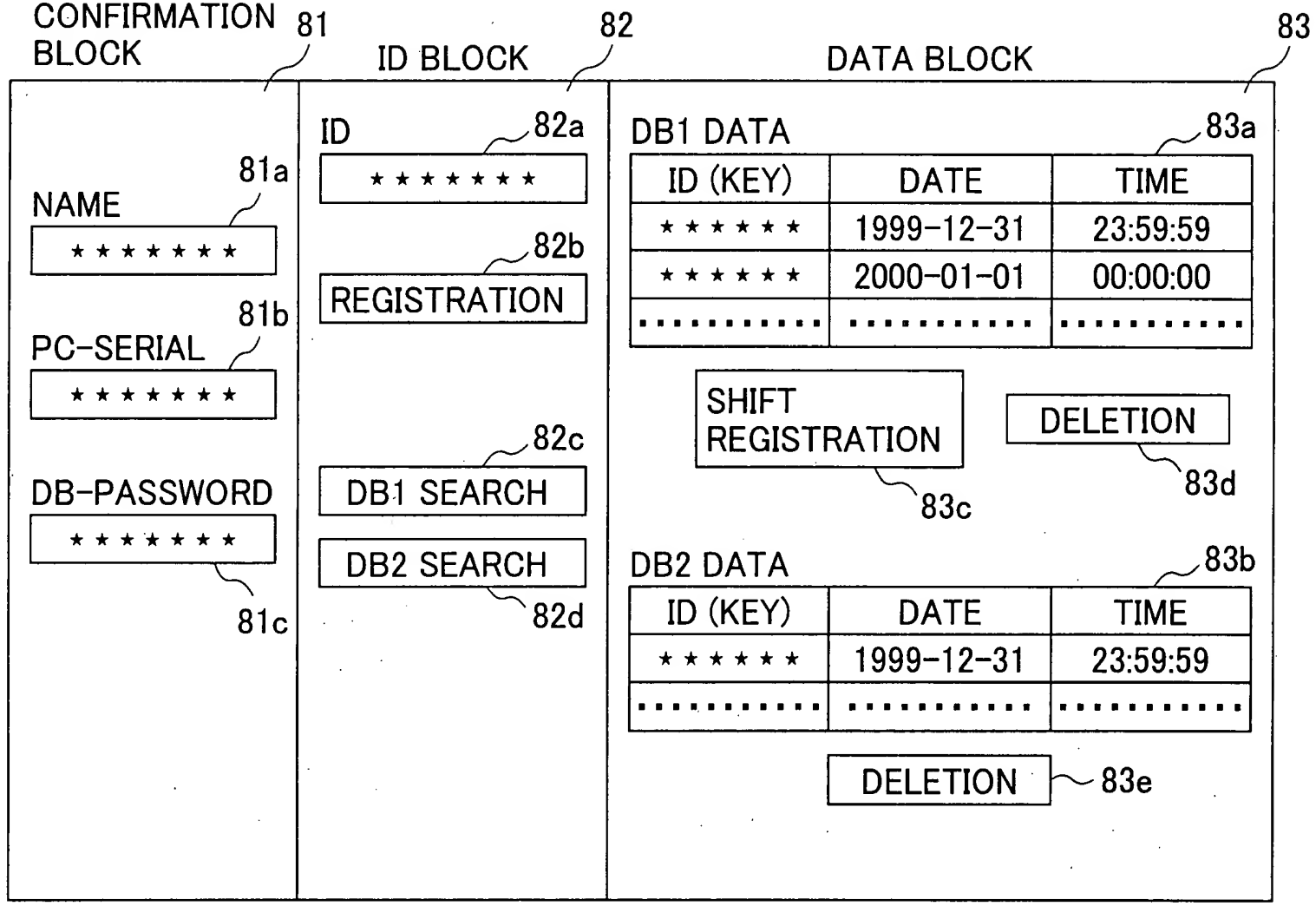

A
S91
USER ACCESSING DB ?
NO
YES
S92
TO DB1 ?
NO
YES
S93
USER NAME, PC-SERIAL & DB-PASSWORD REGISTERED ?
NO
YES
S94
ID IN DB1 ?
NO
YES
S95
THEFT REGISTRATION REQUEST TO DB1 ?
NO
YES
S96
REGISTER DATA IN DB2
S97
USER NAME, PC-SERIAL & DB-PASSWORD REGISTERED ?
NO
YES
S98
ID IN DB2 ?
NO
YES
S99
DELETE REQUEST TO DB2 ?
NO
YES
S100
DELETE DATA FROM DB2
S101
DELETE REQUEST TO DB1 ?
NO
YES
S102
SAME DATA IN DB2 ?
YES
NO
S103
DELETE DATA FROM DB1
END

FIG.8

ID (KEY)	DATE	TIME
ABCD1234	1999-12-31	23:59:59
EFGH5678	2000-01-01	00:00:00

JP2000227825A

FIG.9


CONFIRMATION BLOCK
81
ID BLOCK
82
DATA BLOCK
83
ID
82a
DB1 DATA
83a
81a
NAME
★★★★★★★
82b
REGISTRATION
81b
PC-SERIAL
★★★★★★★
ID (KEY)
DATE
TIME
★★★★★★
1999-12-31
23:59:59
★★★★★★
2000-01-01
00:00:00
SHIFT REGISTRATION
83c
DELETION
83d
82c
DB1 SEARCH
DB-PASSWORD
★★★★★★★
DB2 SEARCH
82d
81c
DB2 DATA
83b
ID (KEY)
DATE
TIME
★★★★★★
1999-12-31
23:59:59
DELETION
83e